

NEW COMBINATIONS IN *THERMOPSIS* AND *BAPTISIA* (FABACEAE)

Meghan G. Mendenhall

Department of Botany, University of Texas, Austin, Texas 78713 U.S.A.

ABSTRACT

Three new combinations are proposed to accommodate conceptual shifts in the systematics of *Baptisia* and *Thermopsis*: *Baptisia australis* var. *aberrans*, *Thermopsis gracilis* var. *ovata*, and *Thermopsis montana* var. *hitchcockii*.

KEY WORDS: Fabaceae, *Thermopsis*, *Baptisia*, taxonomy

In anticipation of publication of new DNA sequence data (Mendenhall 1994) and a discussion of its taxonomic implications, the following new combinations are proposed:

***Baptisia australis* (L.) R. Br. var. *aberrans* (Larisey) M. Mendenhall, comb. nov.** BASIONYM: *Baptisia minor* Lehm. var. *aberrans* Larisey, Ann. Missouri Bot. Gard. 27:206. 1940. TYPE: U.S.A. Georgia: Walker Co., sandy roadside 8.5 mi. south of Chickamauga, 24 Apr 1938, Pyron & McVaugh 2690 (HOLOTYPE: MO).

***Thermopsis gracilis* Howell var. *ovata* (B.L. Robins. ex Piper) M. Mendenhall, comb. nov.** BASIONYM: *Thermopsis montana* Nutt. subsp. *ovata* B.L. Robins. ex Piper, Contr. U.S. Natl. Herb. 23:49. 1906. *Thermopsis ovata* (B.L. Robins. ex Piper) Rydberg, Bull. Torrey Bot. Club 40:43. 1913. *Thermopsis montana* Nutt. var. *ovata* (B.L. Robins. ex Piper) St. John, Torreya 41:112. 1941. *Thermopsis rhombifolia* (Nutt. ex Pursh) Nutt. ex Richardson var. *ovata* (B.L. Robins. ex Piper) Isely, Brittonia 30:470. 1978. TYPE: U.S.A. Idaho: Latah Co., "Cedar Mountain," 4 Jul 1893, C.V. Piper 1489 (LECTOTYPE: WS!; Isolectotypes: GH!, US!, WS!).

Thermopsis montana Nutt. var. *hitchcockii* (Isely) M. Mendenhall, *comb nov.* BASIONYM: *Thermopsis macrophylla* Hook. & Arn. var. *hitchcockii* Isely, Brittonia 30:469. 1978. TYPE: U.S.A. Washington: Grays Harbor Co., roadside near Humptulips, 10 Jul 1931, J.W. Thompson 7342 (HOLOTYPE: WTU; Isotypes: GH!, OSC, PH, POM, UC).

LITERATURE CITED

Mendenhall, M.G. 1994. Phylogeny of *Baptisia* and *Thermopsis* (Leguminosae) as inferred from nuclear ribosomal and chloroplast DNA sequence, secondary chemistry, and morphology. Dissertation, University of Texas, Austin, Texas.